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NORTHAMPTON RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

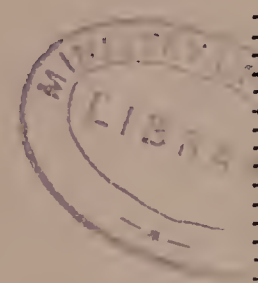
MEDICAL OFFICER OF HEALTH

AND THE

CHIEF SANITARY INSPECTOR

FOR THE YEAR

1953.



NORTHAMPTON RURAL DISTRICT COUNCIL.

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OF THE

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NORTHAMPTON RURAL DISTRICT COUNCIL.

A N N U A L R E P O R T

of the

M E D I C A L O F F I C E R
O F H E A L T H

for the year

1 9 5 3

NORTHAMPTON RURAL DISTRICT COUNCIL.

REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1953.

To the Chairman and Members of the Northampton Rural District Council.

My Lady, Ladies and Gentlemen,

I have the honour to present the Annual Report for the year 1953.

There have been no serious outbreaks of infectious disease or food poisoning, and no deaths from Polio or Diphtheria.

Progress in housing has been good, as has also that of re-housing those in greatest need. In two to three years time one should see all the waiting lists clear and further schemes of houses should not be required in any village.

As regards contact between oneself and the General Practitioner, this could, in my opinion, be improved with advantage to both of us.

Except for four villages, all have now been sewered, or are in the process of completion, so that this should be a great advance from the old pail closet much in use up till recently, and a source of danger from a Public Health point of view.

Thus in general the conditions in your district are very satisfactory, and show good progress in all directions.

With regard to the welfare clinic in this area, I should like to see an improvement in the numbers being immunised against Diphtheria and Whooping Cough. When B.C.G. immunisation against tubercule is started in the schools it is hoped there will be a 100% response, as we hope to wipe out tuberculosis as diphtheria has practically been in the country.

I am,

Your obedient Servant,

ARTHUR LUCAS.

Medical Officer of Health.



SUMMARY OF VITAL STATISTICS, 1953.

Area (acres).....	50,010.
Population (Estimated mid-year 1953).....	20,240.
Number of Inhabited houses (at 31st March 1954) according to rate books.....	6353.
Rateable value (31st December, 1953).....	£109,448.
Product of 1d. Rate 1953/1954 (Actual).....	£429. 0. 4d.

LIVEBIRTHS

	Total	Male	Female	Rate per 1000 England & Wales.
Legitimate	305	160	145	
Illegitimate	13	5	8	
	318	165	153	15.7
				15.5

STILLBIRTHS

	Total	Male	Female	Rate per 1000 England & Wales
Legitimate	4	2	2	
Illegitimate	-	-	-	
	4	2	2	0.19
				0.35

DEATHS

	Total	Male	Female	Rate per 1000 England & Wales.
All Causes	231	109	122	11.3
				11.4

DEATHS FROM PUERPERAL CAUSES. 1

INFANT MORTALITY.- rate per 1000 live births.

	Total	Male	Female	Rate
Legitimate	7	4	3	
Illegitimate	2	-	2	
	9	4	5	28.3
				26.8

DEATHS FROM

Malignant neoplasm (all ages)	39
Measles (all ages)	NIL
Whooping Cough	NIL
Diarrhoea	1

CAUSES OF DEATHS.

During the year the principal causes of death were those in the heart diseases categories. (Refer to Table I, Causes of Death).

SECTION A.

Natural and Social Conditions.

Deaths:- The total number of deaths assigned to the District by the Registrar General after adjustment for outward and inward transferable deaths was 231, as compared with 187 in 1952. The crude death rate based on the estimated population was 11.3 per thousand as compared with 9.61 in 1952.

The following table shows the death rates for the quinquennium 1949 - 1953, together with the corresponding rates for England and Wales and the Administrative County.

Death Rates 1949 - 1953.

	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Northampton R.D.C.	10.42	9.37	10.04	9.61	11.3
Administrative County	12.07	12.01	12.13	11.04	11.51
England and Wales	11.7	11.6	12.5	11.3	11.4

The history of the rate, together with other vital statistics for the years 1933 - 1953 is shown in Table II. on page 19.

Births:- The number of live births assigned to the district was 305 (160 males, 145 females) as compared with 302 in 1952, thus giving a crude rate of 15.7 per thousand of population as compared with 15.12 for the previous year. The following table shows the trend of the birthrate for the years 1949 - 1953 with other rates for comparison:

Crude Birth Rates 1949 - 1953.

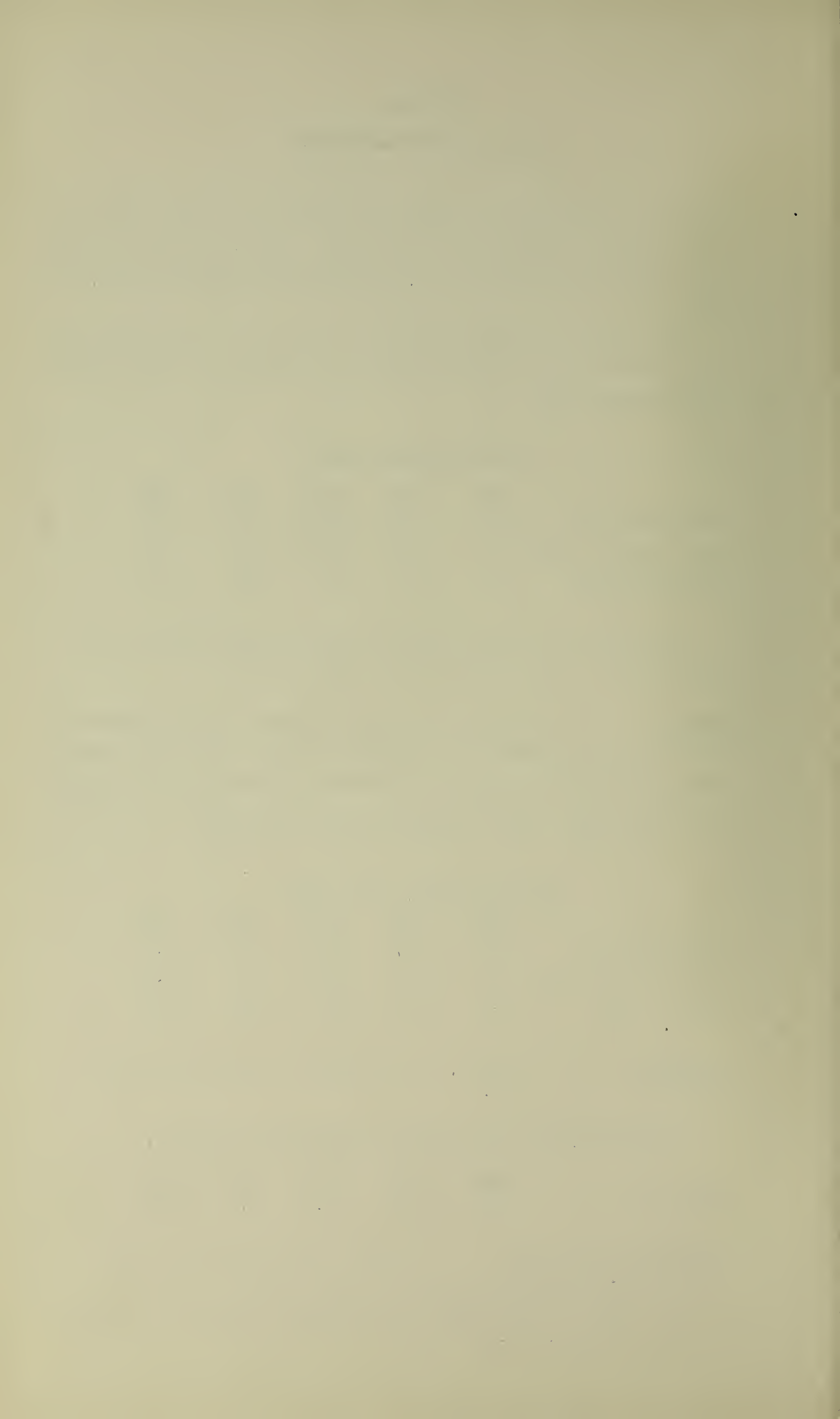
	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Northampton R.D.C	15.58	13.87	15.47	15.12	15.7
Administrative County	16.19	15.71	15.57	15.5	16.16
England & Wales	16.7	15.8	15.5	15.3	15.5

Stillbirths:- There were 4 stillbirths assigned to the district as compared with 7 in 1952.

Stillbirth Rates 1949 - 1953 (per thousand total Births).

	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Northampton R. D.	0.000	7.4	13.2	0.3	0.35

Illegitimate Birth Rate:- Thirteen illegitimate live births were registered as compared with ten in 1952 shown as a proportion of the total number of live births, this represents 4.26 per cent compared with 3.31 per cent in 1952.



Natural and Social Conditions (Continued).

Maternal Mortality:- There was one maternal death assigned to the district, compared with none in 1952 and one in 1951.

Infant Mortality:- The number of infants who died before attaining their first birthday was nine (4 males, 5 females) which is the same as for 1952.

The rates for 1949 - 1953 together with other rates for comparison are:-

Deaths under One year, per thousand live births.

	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Northampton R. D.	44	22	29	29	28
Administrative County	34	29	25	25	25
England and Wales	32	30	29	28	27

SECTION B.1. General Provisions of Health Services:-

Medical Officer of Health	A. Lucas, LR.C.P., L.R.C.S., L.R.F.P.S., D.P.H.
Chief Sanitary Inspector	R. J. Miller, A.I.A.S., M.R.San.I.
Additional Sanitary Inspector	M. de V. Merriman, M.S.I.A.

(Appointed February, 1953)

2. Laboratory Facilities:-

The bacteriological work associated with the Public Health Department is carried out by the Public Health Laboratory Service whose laboratory, in charge of which is Dr. C. Hoyle, is situated at the Northampton General Hospital. The bacteriological examination of water samples is also carried out by Dr. Hoyle.

3. Diphtheria Antitoxin:-

A supply of antitoxin is always available for use in the district by applying to the dispenser at the Northampton General Hospital.

4. Treatment Centres and Clinics:-

Child Welfare Centres, provided by the County Council, are held at Duston, Hackleton, Kislingbury, Weston Favell and Roade.

An antenatal clinic, also provided by the County Council, is available at the County Hall, Northampton.

SECTION C.Sanitary Circumstances of the Area.1. Water.

The Main Public Water Supply is now available in all Parishes in the District with the exception of Castle Ashby. There are, however, private piped water supplies to Castle Ashby, Whiston and Little Houghton. The water supplies derived from private and public wells are still far from satisfactory and in nearly every case, upon being analysed, the water was found to be polluted.

At present there are found to be 11 public wells in use.

2. Sewerage and Sewage Disposal.

Very satisfactory progress continues to be made with schemes of main drainage, and given reasonable approval periods by the Ministry, the achievement of 100% throughout the District is within foreseeable distance.

3. Rivers and Streams.

A complaint was received during the year of a suspect case of anthrax caused by contaminated waste from a factory being carried by a stream into farmland in the Nene Valley. Subsequently this was not confirmed.



SECTION D.Inspection and Supervision of Food.1. Milk Supply.

The number of persons registerable under the Food and Drugs (Milk and Dairies) Act, 1944 was 10. In addition it is known that there are 32 producer/retailers within the area, over which the only control the Council have is action in cases where diseases are likely to be spread by milk.

2. Meat and Other Foods.

There are no slaughterhouses in use in the district, but regular inspections have been made during the year of all food shops, travelling vans and other food premises.

3. Food Poisoning Outbreaks.

No appreciable outbreak of food poisoning has occurred during 1953. For further particulars reference should be made to Schedule 10. on page 26.



SECTION E.

Prevalence of, and control over Infectious and
other Diseases.

1. Smallpox.

No cases were notified during the year, but one contact case was notified for surveillance.

2. Scarlet Fever.

Fifty cases, (27 male, 23 female) were notified during the year as compared with thirty-one during 1952. All the cases appeared to be of a mild clinical type.

3. Diphtheria.

No cases of diphtheria were notified during the year.

4. Puerperal Pyrexia.

No cases were notified under the Puerperal Pyrexia Regulations, 1939, in the year under review, as was so in 1952.

5. Pneumonia.

Thirty-eight cases, (16 male, 22 female) of acute primary pneumonia or acute influenzal pneumonia were notified as compared with thirty cases in 1952. "Pneumonia" was the certified cause of death in 15 cases. These deaths are not necessarily those of patients who were notified under the relevant regulations.

6. Erysipelas.

Six cases were notified as compared with four in 1952.

7. Measles.

Four hundred and twenty-four cases were notified during the year, as compared with one hundred and fifty-six in 1952. There were no deaths.

8. Whooping Cough.

One hundred and five cases were notified as compared with ninety-two in 1952. There were no deaths.

9. Acute Poliomyelitis (Infantile Paralysis).

One case was notified during the year, compared with none in 1952.

10. Acute Encephalitis.

No cases were notified during the year.

11. Malaria (B.T.).

One case was notified during the year. (In this case the patient had lately returned from abroad.)

12. Tuberculosis.

Eleven new cases of tuberculosis were notified during the year - ten cases being respiratory - as compared with seventeen cases - ten respiratory - in 1952.

Six persons died of tuberculosis during the year.

The age and sex incidence of the new cases and deaths from the disease are given in Table III. on page 20.

The corrected number of deaths together with the crude death rate during the quinquennium 1949 - 1953 and those for the administrative county are as follows:-

Tuberculosis Mortality.

	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Northampton R. D.	0.480	0.104	0.102	0.3	0.29
Administrative County	0.430	0.30	0.26	0.25	0.18

No action was taken during 1953 under the Public Health (Prevention of Tuberculosis) Regulations, 1925 or under Section 172 of the Public Health Act, 1936.

13. National Assistance Act, 1948.

No action taken under Section 47.

Under Section 50 of the Act, the Council are also responsible in certain circumstances for the burial or cremation of the body of any person who has died or been found dead in the District. Two cases were dealt with during the year.

I am,

Ladies and Gentlemen,

Your obedient Servant,

A. LUCAS.

Medical Officer of Health.

November, 1954.

NORTHAMPTON RURAL DISTRICT COUNCIL.

A N N U A L R E P O R T

of the

CHIEF SANITARY
INSPECTOR

for the year

1 9 5 3



REPORT OF THE CHIEF SANITARY INSPECTOR
FOR THE YEAR 1953.

Mr. Chairman, My Lady, Ladies and Gentlemen,.

I beg to submit my Annual Report for the year 1953, being the twenty-third I have had the honour to present.

1. Staff - Administrative.

Chief of Department R. J. Miller, A.I.A.S., M.R.San.I., Registered Architect.
Sanitary Inspector M. de V. Merriman, M.S.I.A. (Appointed February 1953)
Chief Clerk S. O. Starmer.
Clerk R. S. Haynes.

2. Staff - Outdoor.

Rodent Operator -	1.
Sewage Disposal - (Labourers)	5.
Refuse Disposal - (Drivers)	2.
- (Loaders)	4.
- (Labourers)	1.

Water Supplies.

During the year 156 samples were taken, 116 being taken from public sources and 40 from private wells etc. All samples were submitted for bacteriological examination.

Of the 156 samples submitted for bacteriological examination, 66 samples were of untreated water as follows:-

	<u>Piped Supplies</u>	<u>Other Supplies</u>
Billing	1	15
Brafield	-	6
Castle Ashby	4	-
Cogenhoe	-	2
Duston	-	4
Hackleton	-	3
Hardingstone	1	2
Harpole	1	-
Houghton Great	-	1
Houghton Little	22	1
Milton	-	2
Weston Favell	-	1
	<hr/> 29 <hr/>	<hr/> 37 <hr/>



The Results of all bacteriological samples have been categorised and the following percentages obtained:-

Note:- 1952 percentages in parentheses.

	<u>Public Supplies.</u>		<u>Private Supplies.</u>	
	<u>Piped</u>	<u>Other</u>	<u>Piped</u>	<u>Other</u>
<u>Category 1.</u>				
(Very satisfactory - No B. coli - or faecal coli.)	80.0% (85.7%)	- (0.0%)	7.14% (14.3%)	44.74% (48.5%)
<u>Category 2.</u>				
(Satisfactory - small B. coli count - no faecal coli)	20.0% (7.1%)	- (0.0%)	46.43% (7.1%)	28.95% (3.0%)
<u>Category 3.</u>				
(Unsatisfactory and suspicious high B. coli count, no faecal coli.)	- (7.1%)	- (0.0%)	- (57.1%)	5.27% (39.2%)
<u>Category 4.</u>				
(Unsatisfactory and dangerous - B. coli and Faecal coli.)	- (0.0%)	- (100%)	39.29% (21.4%)	7.89% (6.1%)
<u>Category 5.</u>				
(Very unsatisfactory and dangerous - high counts of B. coli and Faecal coli.)	- (0.0%)	- (0.0%)	7.14% (0.0%)	13.15% (3.0%)

The foregoing analyses represent the combination of routine sampling and emergency sampling during the year.

A steady improvement has been taking place in the purity of water supplies for the Community. An increasing number of connections have been made to the public supply which is now available (with the exception of Castle Ashby) to all parishes in the District.

It will be noted that fewer of the Public Wells are in use than formerly.

Table IX of the Appendix gives details of the supply to each parish and the results of the bacteriological samples taken.

Sewerage and Sewage Disposal.

Very satisfactory progress continues to be made with schemes of main drainage, and given reasonable approval periods by the Ministry, the achievement of 100% throughout the district is within foreseeable distance.

Work during the year comprised:-

Bugbrooke and Heyford Scheme	- Fully completed.
Ashton and Hartwell Scheme	- Fully completed.

/continued.

Sewerage and Sewage Disposal, (Continued).

Cogenhoe, Brafield & Lt. Houghton - Fully completed

Into the last named scheme, a large volume of trade effluent is received, under agreement, from the Rousselot Gelatine Works.

Wootton Scheme Commenced in January and completed before end of year.

Harpole & Kislingbury Scheme Tenders received in January. Approved by Ministry in March. Work commenced in April and well advanced at end of year.

Hardingstone Lane Sewer extensions carried out, connecting to Northampton sewers and providing drainage for a large building area and eliminating a number of cesspools in that area.

Hardingstone, The Warren Short sewer extension.

Duston In October, Tenders were obtained for sewer extensions along the Berrywood Road.

General

With the completion of the schemes at Bugbrooke, Heyford and Cogenhoe, the pail closet emptying schemes were terminated, with a thankful goodbye.

You gave favourable consideration to a report from me of your powers under the Public Health Acts for giving assistance towards conversion of sanitary accomodation into water closets. Your decision to make a grant of £10 for each approved conversion has, I am sure, been a great factor in securing the large number obtained. The scheme has worked smoothly and well and welcomed by those concerned.

Under it conversions were carried out in 131 of your houses.

Under the 1943 order of priority the position of sewerage at the end of 1953 was:-

Duston - Millway Sewer - Completed.

Roads - Hyde Lane & London Road Sewer - Completed.

Weston Favell - Kettering Road Sewer - Completed.

Bugbrooke & Heyford - Full Scheme - Completed.

Cogenhoe	}	Combined drainage scheme Northampton Corporation Works	- Completed.
Brafield			
Little Houghton			

Hartwell)	Full Scheme	- Completed.
Ashton			

Harpole)	Full Scheme	- Work in progress
Kislingbury			

Hackleton)	Full Scheme	- Part completed
Piddington			

Horton)	Full Scheme	- Plans in hand
Collingtree			

/continued.



Sewerage and Sewage Disposal, General. (Continued).

Great Houghton	- Full Scheme	- Plans in hand.
Rothersthorpe	- Full Scheme	- " " "
Wootton	- Sewerage of Village	- Completed.
Denton	- Improvement to Disposal	
Hardingstone	- Improvements to Disposal	
Milton	- " "	
Yardley Hastings	- " "	

Refuse Collection and Disposal.

No changes were made to this service, and the number of complaints were very few and of minor character, which I record to give credit to the men concerned.

As instructed in 1952, I presented a report on (a) collection of bins from the rear of premises, and alternatively (b) from inside front gateways and replacement there. The estimated additional costs were (a) £1350 and (b) £675. The observations of Parish Councils were sought but the reaction was not favourable and therefore neither alternative was proceeded with.

The statistics of the service given in the Appendices shows increase over the previous year, but this is only to be expected with the ever growing number of houses being built, and although the present organisation is dealing with this by overtime working, the increase is now at such a rate that some additional men and transport will shortly be necessary.

Housing.

A summary of action taken during the year is as follows:-

Number of houses on which action was commenced	33
" " " " " demolition orders were made	21
" " " " " proposals for reconstruction were accepted	8
" " " " " other proposals were accepted	7
" " " " " action has not been finalised	23

New factors have entered into the housing situation over the past year. With the easing of restriction on building materials the amount of construction of new dwellings has increased still further especially in Parishes of the District which are nearer to Northampton. The construction of private houses has consequently been stepped up and is an increasing factor in relieving the need for housing. It will be noted that the Council have completed 1192 houses since 1945.

The standard of amenities in houses has increased during the period, aided by the provision of Improvement Grants for the purpose, made under the Housing Act, 1949. Houses in the poorer categories are steadily being dealt with, and as conditions permit, and now that more housing accommodation is available, greater activity is foreshadowed in the ensuing year.

Tents, Vans & Sheds.

There are three licensed sites in the district, the two in use are well controlled, the third has not now been used for several years.

Eradication of Bed Bugs.

During the year one case of infestation was reported and treatment was carried out.

Milk & Dairies Etc.

Under the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, seven supplementary licences were issued during the year, to enable firms from outside the area to retail pasteurised milk within the District, and two licences were issued for sterilised milk to be sold.

Five licences were issued to traders outside the area to sell raw tuberculin tested milk in the area.

Five licences were also issued to enable dealers whose premises are within the District to sell milk under the special designation "Pasteurised."

It is estimated that 80% of the milk sold in the area is designated (i.e. Pasteurised, Sterilised or Raw T.T.) whilst in the remaining 20% over which the Council have little control, is supplied by producer-retailers in the district.

Slaughterhouses and Knackers' Yards.

There is one licensed Knackers Yard in the district, this is well maintained. Fourteen slaughterhouses in the area are used only for the slaughtering of "cottagers" pigs.

Food Premises.

The number of premises in which food is prepared and sold is 208, consisting of the following:--

Bakehouses	10
Butchers	21
Factory Canteens	6
Clubs	5
Greengrocers	5
Grocers etc.	62
Ice-cream sales points	39
Public Houses	50
Refreshment houses	5
Confectioners	5

208

With very few exceptions all these premises are well maintained and the standard of hygiene is good. Improvements have been carried out to raise the standard of cleanliness and amenities of food premises in an encouraging number of instances.



Storage of Petroleum Spirit Etc.

61 licences were renewed during the year for the storage of Petroleum Spirit and Petroleum Mixtures.

Seven new licences were issued. The total storage capacity of licensed premises at the end of the year was:-

(1) Petroleum Spirit	87,415 gallons
(2) Petrol and other oils	650 gallons
(3) Petroleum Mixtures	4,163 gallons

No licences were issued for the storage of calcium carbide.

Food & Drugs Act, 1938.Ice-cream.

There are 39 premises registered for the sale and storage of ice-cream and of those premises only one manufactures the product.

The trend in the ice-cream trade continues towards the concentration of manufacture in a few large businesses. Thus problems of transportation and storage have to be overcome. The proper wrapping of the product is a main essential as is the personal cleanliness of the individual food handler. Sweet rationing was abolished during the year and this factor was a cause in the decline of public demand for ice-cream.

During the year a total of 39 samples were submitted to the Public Health Laboratory Service and subjected to the Methylene Blue Test.

Grade	Time taken to reduce Methylene Blue	No.	Percentage
1	4½ hours or more.	12	41.38 (42.1)
2	2½ hours to 4 hours.	10	34.48 (37.7)
3	½ hour to 2 hours.	7	24.14 (15.8)
4	0 hours.	-	- (4.4)

(Note:- Percentage for 1952 given in parentheses)

It will be noted that the results obtained show a decline in standard compared with the results in 1952.

During the year 10 samples were taken of "water ices" of which only one was of an unsatisfactory bacteriological quality.

Food Stuffs.

During the year no foodstuffs were examined at the request of traders under the voluntary surrender scheme for unfit food.

Swimming Pool.

The modern breakpoint chlorination dosing plant was operated with care and again produced satisfactory results at the one public swimming pool in the district.

Samples of the water were submitted for bacteriological analysis at regular intervals, on no occasion was the water found to be contaminated with bacteria of faecal origin.

Swimming Pool. (Continued).

Tests were also carried out on each visit to ensure that the pH and free chlorine content of the water conformed to the Ministry of Health standard.

Factories.

Details of inspections made under the Factories Act, 1937, will be found in Table VII of the Appendix.

I am,

Ladies and Gentlemen,

Your obedient Servant,

(Sgd.) R. J. MILLER.

Chief Sanitary Inspector.



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TABLE I.

Causes of Death - 1953.

No.	Causes of Death.	Male	Female.	Total
1	Tuberculosis - respiratory.	3	2	5
2	Tuberculosis - other.	1	0	1
3	Syphilitic Disease.	1	1	2
4	Diphtheria.	0	0	0
5	Whooping Cough.	0	0	0
6	Meningococcal infections.	0	0	0
7	Acute poliomyelitis	0	0	0
8	Measles	0	0	0
9	Other infective and parasitic diseases.	0	1	1
10	Malignant neoplasm, stomach.	3	3	6
11	" " lungs, bronchus.	3	3	6
12	" " breast.		4	4
13	" " uterus.		1	1
14	Other malignant and lymphatic neoplasms.	9	13	22
15	Leukemia, aleukemia.	1	1	2
16	Diabetes.	1	2	3
17	Vascular lesions of nervous system.	12	11	23
18	Coronary disease, angina.	15	8	23
19	Hypertension with heart disease.	1	5	6
20	Other heart disease.	11	20	31
21	Other circulatory diseases.	3	6	9
22	Influenza.	1	0	1
23	Pneumonia.	6	9	15
24	Bronchitis.	7	8	15
25	Other diseases of respiratory system.	3	0	3
26	Ulcer of stomach and duodenum.	3	1	4
27	Gastritis, enteritis and diarrhoea.	0	1	1
28	Nephritis and nephrosis.	1	1	2
29	Hyperplasia of prostate.	6	-	6
30	Pregnancy, childbirth, abortion.	-	1	1
31	Congenital malformations.	0	0	0
32	Other defined and ill-defined diseases.	8	14	22
33	Motor vehicle accidents	8	1	9
34	All other accidents	1	4	5
35	Suicide.	1	1	2
36	Homicide and operations of war.	0	0	0
	Total - All causes.	109	122	231



TABLE II.

Vital Statistics for 1953 and Previous Years.

Year	Estimated Population	Births		Deaths			
		No.	Rate	Under 1 year		All Ages	
				No.	Rate	No.	Rate
1933	7,467	89	11.9	0	0.00	72	9.6
1934	7,530	100	13.2	7	70.00	81	9.2
1935	+ 13,600	199	14.63	6	30.15	165	12.13
1936	15,440	206	13.3	14	67.96	183	11.8
1937	15,600	190	12.17	8	42.11	170	10.89
1938	15,680	212	13.4	6	28.30	141	8.9
1939	s 15,760	220	14.5	10	45.45	190	11.4
	ss 16,580						
1940	17,880	238	13.3	8	33.61	228	12.7
1941	19,430	219	11.2	8	37.44	187	9.06
1942	17,890	230	12.6	6	26.08	180	10.06
1943	17,080	273	15.9	7	25.64	186	10.8
1944	17,760	296	16.7	16	54.05	184	10.35
1945	+ 15,760	246	13.8	8	32.52	190	10.9
	ss 17,350						
1946	/ 17,600	340	19.3	12	35.26	174	9.9
1947	/ 17,910	355	19.8	13	36.62	202	11.2
1948	/ 18,370	279	15.19	8	28.8	168	9.15
1949	ss 18,760	293	15.58	13	44.37	230	12.26
	s 18,810						
1950	/ 19,320	268	13.87	6	22.39	213	11.03
1951	19,580	303	15.47	9	29.70	234	11.95
1952	19,970	302	15.12	9	29.0	187	9.61
1953	20,240	305	15.7	9	28.3	231	11.3

+ Hardingstone R.D. and Part of Potterspury R.D.
added to District.

/ Mid-Year Estimate of District.

s Population for calculation of Birth Rate.

ss Population for calculation of Death Rate.

TABLE III.

New Cases of and Deaths from Tuberculosis - 1953.

Age Periods	NEW CASES.				DEATHS.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
-1								
-5								
-15	1							
-25		4						
-35		1						
-45		2		1				
-55	1					1		
-65			1		1			
65+					2	1	1	
TOTALS	2	7	1	1	3	2	1	-

NOTE:- These figures are uncorrected and include all deaths from Tuberculosis within the District.



TABLE IV.

Age Incidence of Notifiable Diseases
(Other than Tuberculosis).

AGE GROUP	D I S E A S E											
	Scarlet Fever		Whooping Cough		Measles		Acute Poliomyelitis Paralytic		N.Paralytic		Malaria BT.	
	M	F	M	F	M	F	M	F	M	F	M	F
0 -			2	2	1	2						
1 -	1		11	14	35	40						
3 -	4	4	17	8	54	53						1
5 -	18	14	18	24	111	96						
10 -	2	3	3	1	13	13		1				
15 -	3				3							
25 and over		1		3	2	1						
Age unknown			2									
TOTALS	28	22	53	52	219	205		1				1
	50		105		424		1				1	

AGE GROUP	Acute Pneumonia		Food Poisoning		Erysipelas	
	M	F	M	F	M	F
0 -	5	6	1	1		
5 -		3				
15 -	4	2	3		1	2
45 -	5	3	1		2	1
65 and over	2	8				
TOTALS	16	22	5	1	3	3
	38		6		6	

TABLE V.

Incidence of Notifiable Diseases in
Individual Parishes.
As Notified by General Practitioners.
1953.

	SCARLET FEVER	WHOOPING COUGH	MEASLES	ACUTE POLIOMYELITIS (PARALYTIC)	ACUTE PNEUMONIA.	MALARIA	ERYSIPELAS	FOOD POISONING	TOTAL
ASHTON									
BILLING	1	2	4					2	9
BRAFELD	2		15		4				21
BUGBROOKE	3	16	115		3				137
CASTLE ASHBY	1		8		1		2		12
COGENHOE		4	7		4				15
COLLINGTREE			2						2
COURTEENHALL									
DENTON	1		8		1				10
DUSTON	10	3	100		10				123
HACKLETON	2	22	6		2			1	33
HARDINGSTONE		5	8			1			14
HARPOLE		28	37		1				66
HARTWELL	3								3
HEYFORD NETHER		4	9		1				14
HEYFORD UPPER								2	2
HOUGHTON GREAT									
HOUGHTON LITTLE			1						1
KISLINGBURY	1		21		2				24
MILTON		1	5						6
QUINTON	1		2						3
ROADE	2		1	1					4
ROTHERSTHORPE			1						1
UPTON	1	1							2
WESTON FAVELL	3	7	28		4			1	43
WOOTTON	14	3	9						26
YARDLEY HASTINGS	5	9	37		5		4		60
TOTALS:	50	105	424	1	38	1	6	6	631

TABLE VI.

Monthly Incidence of Notifiable
Diseases (Other than Tuberculosis)
As Notified by General Practitioners.
1953.

DISEASE.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scarlet Fever	2	2	6	3	8	3	3	1	1	2	7	12	50
Whooping Cough	-	-	2	29	11	17	15	8	8	10	2	3	105
Measles	166	96	110	28	10	8	5	1	-	-	-	-	424
Acute Pneumonia	5	8	7	2	2	3	1	-	-	2	7	1	38
Malaria	-	-	1	-	-	-	-	-	-	-	-	-	1
Erysipelas	1	-	-	1	1	-	-	-	-	2	-	1	6
Food Poisoning	-	-	1	-	-	-	-	1	3	1	-	-	6
Acute Poliomyelitis (Paralytic)	-	-	-	-	-	-	-	-	-	1	-	-	1
TOTALS:	174	106	127	63	32	31	24	11	12	18	16	17	631



TABLE VII.

Factories Act, 1937 - Part I.1. Inspections for purposes of provisions as to health
(including inspections made by Sanitary Inspectors):-

PREMISES.	No. on Register.	No. of Inspec- tions.	No. of written notices.	No. of Occupiers Prose- cuted.
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	13	18	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the L. A.	66	81	-	-
(3) Other premises in which Section 7 is enforced by the L. A. (excluding outworkers premises).	20	7	-	-
	99	106	-	-

2. Cases in which DEFECTS were found:-

Particulars.	Found	Remedied	Referred to H. M. Inspector.	Referred by H. M. Inspector.
Want of cleanliness (S.1)	13	13	-	7
Overcrowding (S.2)	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-
Sanitary Conveniences (S.7)				
(a) Insufficient	-	-	-	-
(b) Unsuitable or defective.	-	-	-	-
(c) Not separate for sexes.	-	-	-	-
Other offences against the Act (not including offences relating to outworkers.)	-	-	-	-
	13	13	-	7



TABLE VII (Continued)

Part VIII, Factories Act, 1937.
Outwork (Sections 110 & 111)

Nature of Works.	No. of outworkers in list required by Section 110 (1) (c)	No. of cases of default in sending lists to the Council.	No. of prosecu- tions for failure to supply lists.	No. of instances of work in unwholesome premises.
Curtains & furniture hangings.	-	-	-	-
Wearing Apparel Making etc.	14	-	-	-
Furniture & upholstery.	-	-	-	-
TOTAL	14	-	-	-

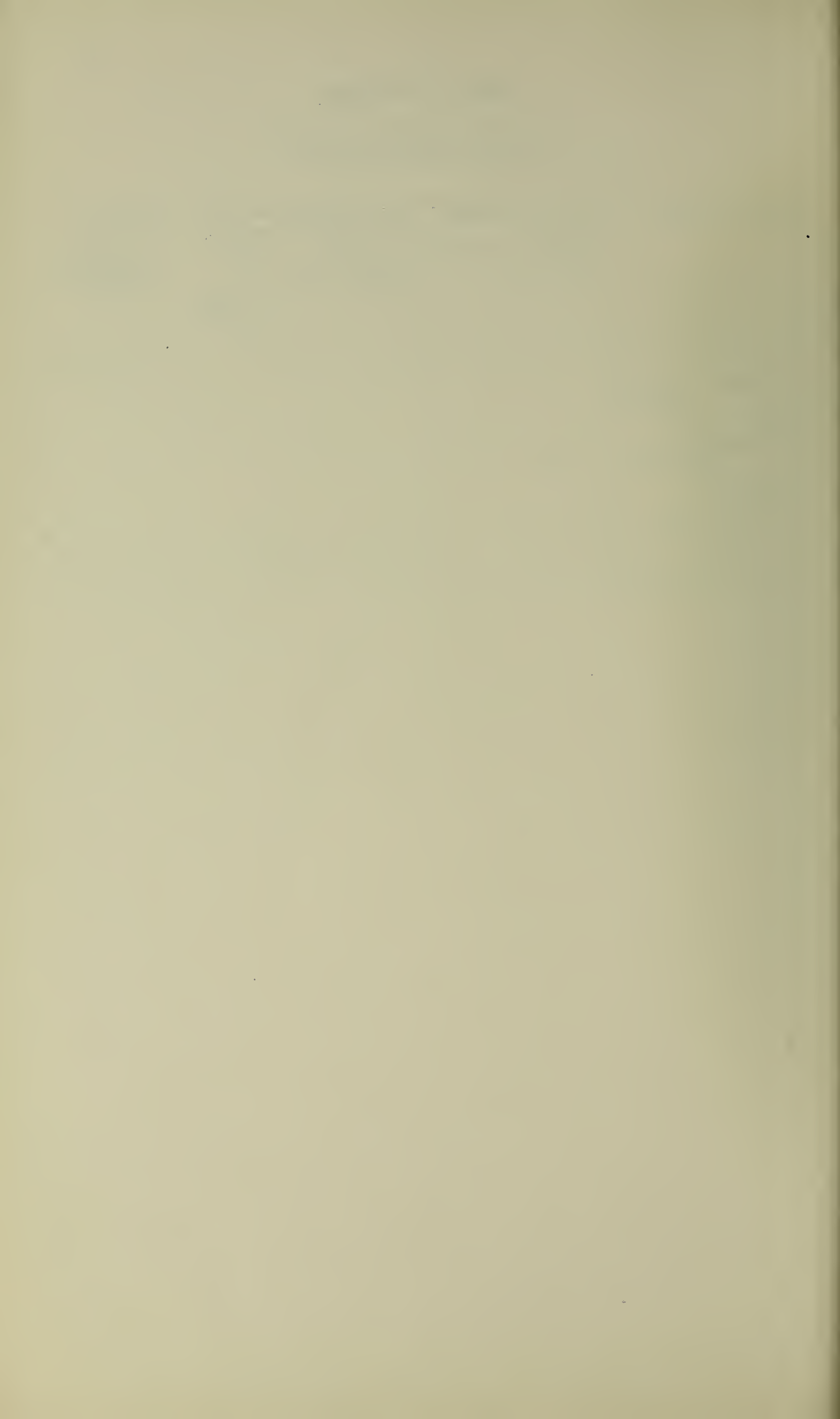


TABLE VIII.Summary of Inspections - Year ended 31st December, 1953.

	<u>No. of Inspections etc.</u>
1. <u>PUBLIC HEALTH ACT, 1936.</u>	
(a) <u>Infectious Diseases.</u>	
1. Investigating Cases	66
11. Removals to Hospital	-
111. Performing Disinfections	2
1V. Visits to contacts	1
(b) <u>Disinfestations.</u>	
1. Dwelling houses	2
11. Business premises	-
111. Public buildings	-
1V. Visits to premises under Sec. 83	7
(c) <u>Sewerage and Sewage Disposal.</u>	
1. Drains tested	-
11. Drains exposed under Sec. 48	-
111. Drains reported blocked	5
1V. Drains reconstructed	2
V. Insanitary pans replaced	-
VI. New sinks fixed	-
VII. Sewage samples taken	-
VIII. Other drainage visits	57
(d) <u>Water Supply.</u>	
1. Defects under Section 138	-
11. Houses connected to piped supply	1
111. Water samples submitted for analysis:	
(a) Chemical - Piped	-
- Wells and Springs	-
(b) Bacteriological - Piped	116
- Wells and Springs	38
1V. Water Supply	24
(e) Visits for inspection of:-	
1. Tents, Vans and Sheds	13
11. Offensive trades	2
111. Canal boats	-
1V. Atmospheric pollution	-
V. Swimming baths	20
VI. Keeping of animals	39
VII. Accumulation of refuse	5
VIII. Miscellaneous nuisances	62
2. <u>HOUSING ACT, 1936.</u>	
(a) Houses inspected	319
(b) Houses where defects found	2
(c) Defective houses repaired	3
(d) Overcrowding in houses	11
(e) Miscellaneous visits	4
3. <u>FOOD AND DRUGS ACT, 1938.</u>	
Dairies, Cowsheds & Milkshops	1
Slaughterhouses	5
Knackers Yards	2
Ice Cream premises	30
Other premises to which Secs. 13 & 14 apply	206

Carried forward

1045



TABLE VIII (Continued).Summary of Inspections - Year ended 31st December, 1953. Continued.

	No. of inspections etc.
Brought Forward	1045
Bacteriological samples taken under Sec. 68	
(i) Milk	1
(ii) Ice Cream	37
(iii) Other foods	-
Food poisoning	10
4. <u>FACTORIES ACT, 1937.</u>	
Inspections of:-	
(i) Factories with mechanical power	79
(ii) Factories without mechanical power	18
(iii) Bakehouses	14
(iv) Other premises	-
(v) Factories under Section 34	1
5. <u>INSPECTIONS UNDER OTHER ACTS.</u>	
(a) Prevention of Damage by Pests Act, 1949.	136
(b) Petroleum (Consolidation) Act, 1928	24
(c) Miscellaneous Acts, Regulations & Orders	235
	<hr/>
	1600
	<hr/>

TABLE IX.

Bacteriological Examination of Water Supplies.

PARISH	TOTAL	Public Supplies.										Private Supplies.									
		Piped					Other					Piped					Other				
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
ASHTON	3	3																			
BILLING	19	1	2									1					10	5			
BRAFELD	9	3															4	1	1		
BUGBROOKE	4	4																			
CASTLE ASHBY	4											1	1		2						
COGENHOE	5	3															1				1
COLLINGTREE	2	2																			
COURTEENHALL	2	2																			
DENTON	5	4	1																		
DUSTON	10	4	2																1	1	2
HACKLETON	7	4															1	2			
HARDINGSTONE	7	3	1												1			1		1	
HARPOLE	5	3	1										1								
HARTWELL	3	2	1																		
HEYFORD NETHER	3	3																			
HEYFORD UPPER	2	1	1																		
HOUGHTON GREAT	8	4	3															1			
HOUGHTON LITTLE	23											1	11		8	2					1
KISLINGBURY	2	2																			
MILTON	4	2																		1	1
QUINTON	3	3																			
ROADE	4	4																			
ROTHERSTHORPE	4	4																			
UPTON	-																				
WESTON FAVELL	6	3	2															1			
WOOTTON	6	4	2																		
YARDLEY HASTINGS	6	4	2																		
TOTALS.	156	72	18									3	13		11	2	16	11	2	3	5

TABLE X.Food and Drugs Act, 1938.Food Poisoning.Annual Report of Food Poisoning Notification (Corrected), 1953.

1. Food Poisoning Notifications (Corrected) Return to the Registrar
General.

<u>1st Quarter.</u>	<u>2nd Quarter.</u>	<u>3rd Quarter.</u>	<u>4th Quarter.</u>	<u>Total.</u>
1	NIL	4	1	6

2. Outbreaks due to Identified Agents.

One Outbreak: One case (asociated with outbreak at Territorial
Army Camp on Salisbury Plain).

One Outbreak: Two cases (Carrier of Salmonella Typhimurium in
the family).

One Outbreak: Two cases (caused by Salmonella Typhimurium).

3. Outbreaks of Undiscovered Causes.

See below.

4. Single Cases.

One Outbreak: One case, cooked ham suspected.

TABLE XI.

REFUSE COLLECTION AND DISPOSAL, YEAR ENDED 31ST MARCH, 1954.

COLLECTION.											
MONTH	TOTAL ESTIMATED WEIGHT	TOTAL MILEAGE TRAVELLED	GAYTON	ASHTON	DENTON	HARPOLE	YARDLEY HASTINGS				
	Tons.		Tons.	Tons.	Tons.	Tons.	Tons.				
APRIL	316	1372	181	29	29	66	11				
MAY	329	1351	165	23	45	79	17				
JUNE	359	1393	199	24	40	83	13				
JULY	366	1536	193	18	43	95	17				
AUGUST	327	1293	188	21	39	70	11				
SEPTEMBER	321	1453	169	18	40	83	11				
OCTOBER	351	1405	191	18	43	83	16				
NOVEMBER	338	1412	185	23	33	85	12				
DECEMBER	363	1428	180	32	32	113	6				
JANUARY	418	1485	209	30	51	110	18				
FEBRUARY	358	1481	200	24	40	84	10				
MARCH	424	1680	224	27	46	113	14				
TOTALS	4270	17289	2284	287	479	1064	156				
			% per tip	53.49	6.72	11.22	24.92	3.65			
			£					Gross.	Nett.		
Total Cost of Service			5555.	18.	3.	Average Annual Cost per Dwelling (6402)				17/4¼	
Income from Salvage			978.	16.	-.	" " Head of Population 5/6¾				14/-	
Other Income			95.	1.	5.	(20,000 mid-1953)				4/5¾	
Total Net Cost			£	4,482.	-.	10.					
Salvage disposed of during the year comprised:-											
			Paper	134	5	2					
			Textiles		18	3					
			Scrap	4	3	3					30

REFUSE COLLECTION AND DISPOSAL, YEAR ENDED 31ST MARCH, 1954.

Salvage disposed of during the year comprised:--

Paper	134	5	2
Textiles		18	3
Scrap	4	3	3

Schedule of Sanitation and Water Supplies Within the District

Parish	Total No. of Houses occupied in Parish (as per Rate Books)	No. of houses with drains discharging to:- Surface Water Drains Sewers		No. of Houses with Cesspools, etc.	Closet Accomodation			Water Supply				
					W.C.s & Flush	Closets Hand Flush	Pail Closets	Privy Middens	Water laid on	Stand Taps	Public Wells & Springs	Private Wells & Springs
Ashton	112	95	39	-	42	-	71	-	78	19	2	8
Billing	229	67	154	11	145	6	67	-	157	-	57	4
Brafield	208	11	194	-	124	70	10	-	120	69	-	15
Bugbrooke	351	243	233	4	247	-	82	1	235	20	8	45
Castle Ashby	70	-	69	-	69	-	-	-	67	2	-	-
Cogenhoe	221	141	103	21	118	30	89	16	124	5	30	60
Collingtree	83	55	11	19	24	4	53	2	49	-	-	34
Courteenhall	43	26	-	11	10	1	26	-	27	6	-	4
Denton	155	4	130	13	80	55	5	4	64	76	4	-
Duston	960	7	873	9	818	48	9	2	870	5	-	2
Hackleton	329	245	69	39	28	9	235	10	104	8	70	100
Hardingstone	346	4	322	18	248	77	4	-	270	28	12	19
Harpole	342	246	-	95	83	10	237	11	321	15	-	3
Hartwell	190	109	85	17	103	-	58	6	153	16	-	-
Heyford Nether	249	197	110	25	152	1	77	-	149	43	-	37
Heyford Upper	29	21	-	8	8	-	21	-	28	1	-	-
Houghton Great	90	67	-	15	13	2	51	17	8	41	15	18
Houghton Little	157	79	63	7	38	32	50	29	31	75	10	33
Kislingbury	264	232	-	22	23	1	225	6	210	34	-	10
Milton	189	6	181	5	115	75	2	-	92	-	28	72
Quinton	54	18	16	13	29	-	18	-	18	-	8	21
Road	368	9	324	8	276	50	9	-	284	28	-	23
Rothersthorpe	85	37	16	32	48	-	25	12	32	-	4	49
Upton	54	15	20	5	21	4	10	5	33	-	-	7
Weston Favell	739	4	702	9	586	3	2	-	582	4	-	5
Wootton	331	118	217	7	104	18	47	50	173	33	65	46
Yardley Hastings	296	5	280	10	157	130	-	5	198	64	-	30
TOTALS	6504	2061	4211	423	3709	626	1483	185	4477	592	313	645
FIGURES AS AT 31ST DECEMBER, 1953.				FIGURES AS AT 1951. NOT NOW OBTAINABLE.								

